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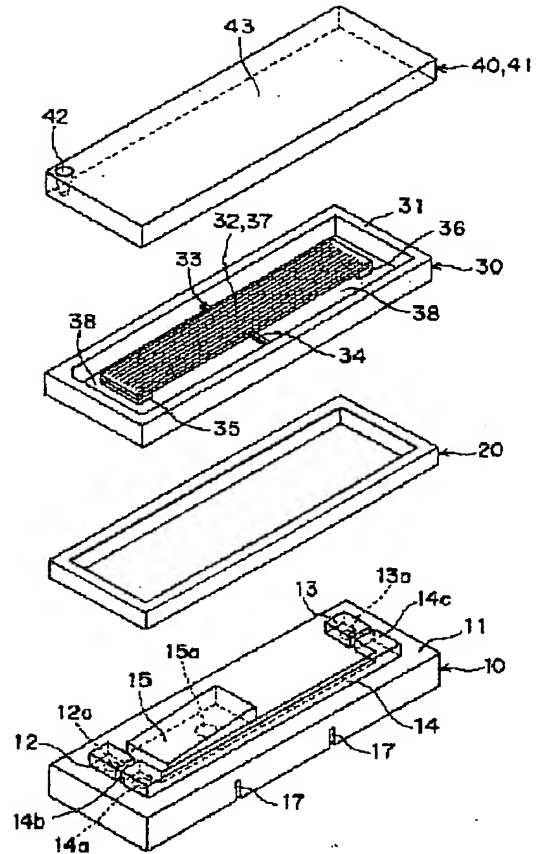
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APPLICANT : OMRON CORP;

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TITLE : ELECTROSTATIC RELAY, AND
MANUFACTURE OF ELECTROSTATIC
RELAY



ABSTRACT : PROBLEM TO BE SOLVED: To provide a small-type electrostatic relay of a power-saving type, and a manufacturing method thereof.

SOLUTION: A normally closed movable contact 36 provided on a movable piece 32 comprising a semiconductor crystal base material rotatably supported through a pair of hinge parts 33, 34 above a fixed contact block 10 is higher than a normally opened movable contact 35. In the case where a voltage is not applied to an electrode 15 for driving and the movable piece 32, the normally closed movable contact 36 is in contact with normally closed fixed contacts 13, 14c. In the meantime, as a voltage is applied to both of them to generate electrostatic attractive force, the movable piece 32 is rotated about hinge parts 33, 34 as support points, and the normally opened movable contact 35 gets in contact with a normally opened fixed contact 12 and a common fixed contact 14.

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